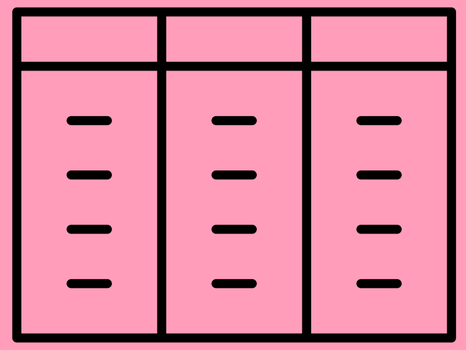
Unit Goals

Things We'll Cover

Create well-formatted HTML Tables
Understand when and when not to use tables
Explain the role of the form element
Utilize a variety of form controls
Define complex HTML forms
Add HTML5 Form Validations
Ensure accessibility of our forms

HTML Tables



HTML TABLES

WHAT ARE TABLES?

Tables are structured sets of data, made up of rows and columns. They can be a great way of displaying data clearly.

EARLY USAGE

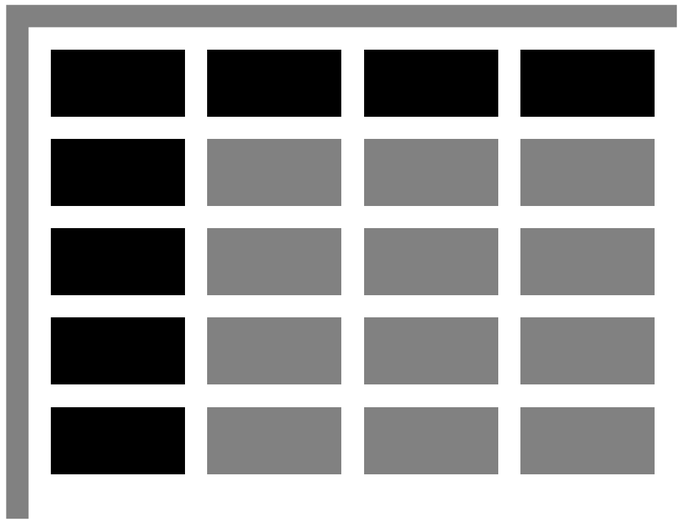
In the early days of the web, tables were commonly used to create page layouts. Today, you should only use the table element when you are creating an actual data table.

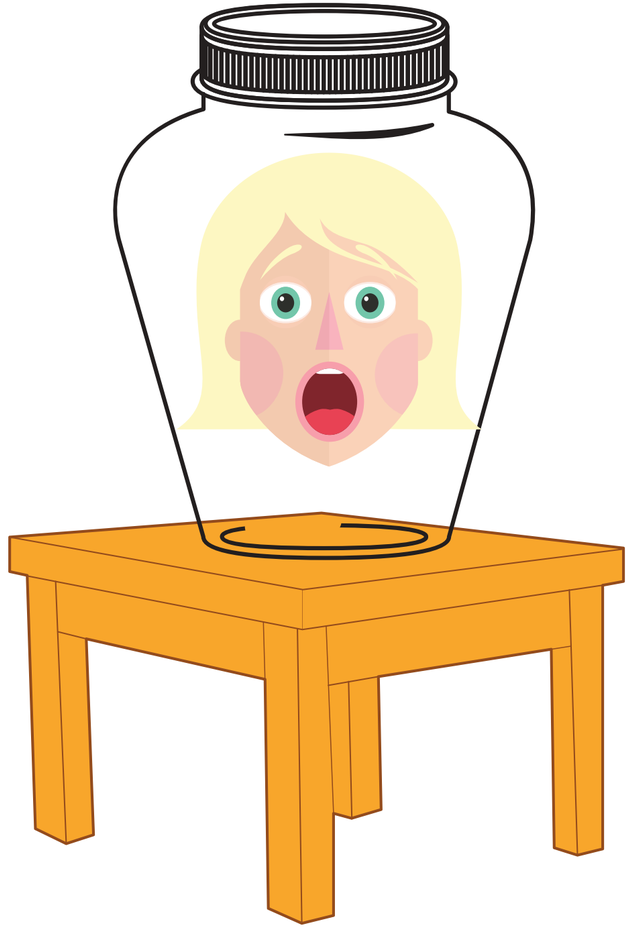
LOTS OF ELEMENTS!

To create a table, you'll use 5-10 different elements! It can be tricky to remember them all, but don't panic!

HTML TABLES

"WTF why are there so many elements just to make a table??"

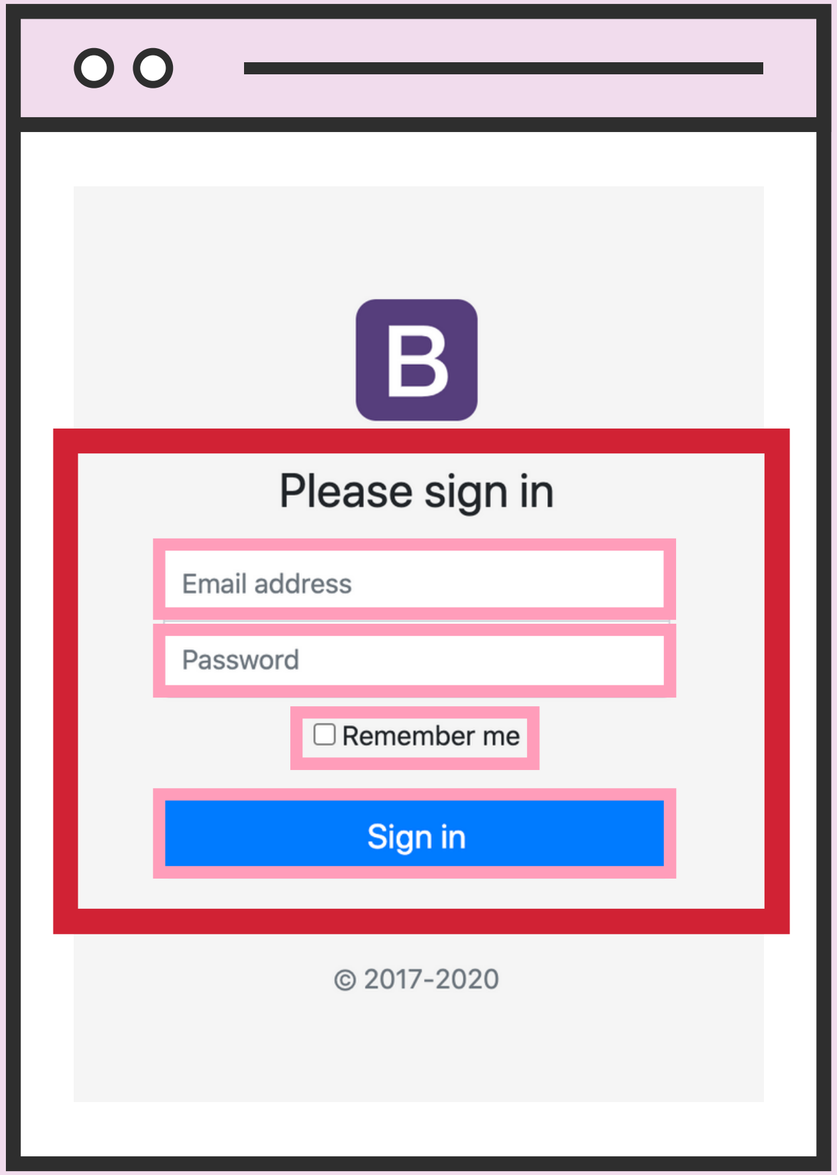




ELEMENTS

<table>
<td>
<tr>
<th>
<thead>
<tbody>
<tfoot>
<colgroup>
<caption>

HTML Forms

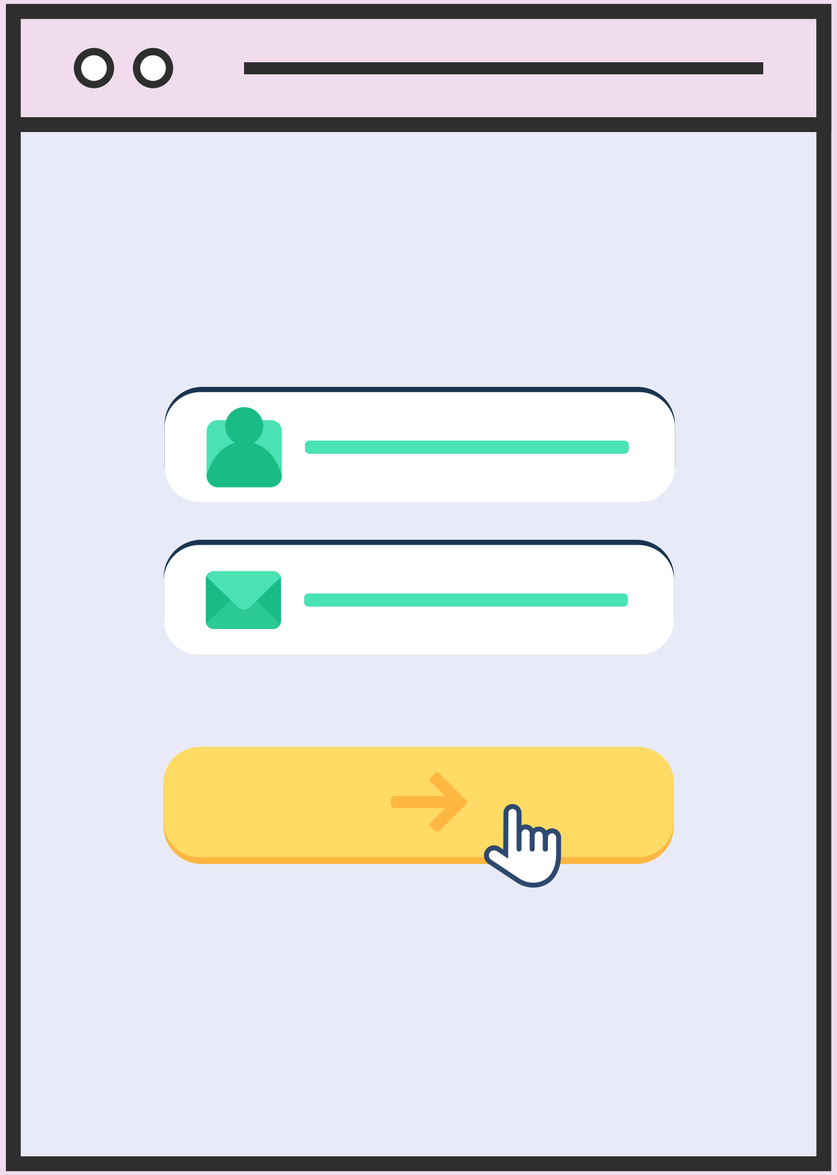


CREATING FORMS

- The <form> element itself is a shell or container that doesn't have any visual impact.
- We then fill the form with a collection of inputs, checkboxes, buttons, etc.

<form>

- The form element "represents a document section containing interactive controls for submitting information."
- The *action* attribute specifies WHERE the form data should be sent.
- The method attribute specifies which HTTP method should be used (don't worry about this for now)



<input>

- The input element is used to create a variety of different form controls.
- We have 20+ possible types of inputs, ranging from date pickers to checkboxes.
- The *type* attribute is where the magic happens. Changing *type* dramatically alters the input's behavior and appearance.